

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S99 and S100 and <="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:14
		((("381"/\$).cls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:35
		((381/62).cls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:25
		((381/61).cls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:25
		((381/61).cls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 09:24
		(main adj sound adj component\$1) or (auxiliary adj sound adh component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 16:48

## EAST Search History

S1	46	((("4879751") or ("5621877") or ("RE37156") or ("RE37156") or ("6324511") or ("4813907") or ("5418321") or ("5563648") or ("6433835") or ("4586905") or ("5466158") or ("4439156") or ("6292830") or ("5304112") or ("6005551") or ("5789689") or ("5918302") or ("5317104") or ("5701384") or ("5841483") or ("5951690") or ("6166748") or ("6239810") or ("6188985") or ("6205101") or ("4910670") or ("4924303") or ("5462275") or ("5471636") or ("5683253") or ("5692213") or ("5717438") or ("5768126") or ("5768393") or ("5963217") or ("6061747") or ("6061747") or ("6085257") or ("6161092") or ("6216184") or ("6216184") or ("6247095") or ("6369822") or ("6606689") or ("6609977") or ("6643744") or ("6219426") or ("6219426") or ("6005953") or ("5530924"))).PN.	USPAT; USOCR; EPO	OR	OFF	2006/02/17 11:44
S2	13	((("5052685") or ("5138660") or ("5410603") or ("5438623") or ("5521981") or ("5614685") or ("5822438") or ("5862231") or ("5880390") or ("5896291") or ("5912976") or ("6007228") or ("6085309"))).PN.	USPAT; USOCR; EPO	OR	OFF	2004/09/23 14:50
S3	688	((381/61)".ccls")	USPAT; EPO	OR	OFF	2006/03/22 09:21
S4	496	((381/119)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 14:51
S5	58	((381/119)".ccls") and auxiliary	USPAT; EPO	OR	OFF	2005/06/24 09:05
S6	63	((381/61)".ccls") and auxiliary	USPAT; EPO	OR	OFF	2005/06/24 09:07
S7	1	"6711270"	USPAT; EPO	OR	OFF	2004/09/24 09:06
S8	1	"6332026".PN.	USPAT	OR	OFF	2004/09/24 09:06
S9	1	"6122381".PN.	USPAT	OR	OFF	2004/09/24 09:07
S10	1	"6067361".PN.	USPAT	OR	OFF	2004/09/24 09:09
S11	1	"6009179".PN.	USPAT	OR	OFF	2004/09/24 09:11
S12	1	"5768394".PN.	USPAT	OR	OFF	2004/09/24 09:11
S13	909	((381/1)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 14:52

## EAST Search History

S14	695	((381/17)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 14:52
S15	509	((381/18)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 14:53
S16	759	((463/43)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 14:56
S17	339	((463/35)".ccls")	USPAT; EPO	OR	OFF	2004/09/24 15:16
S18	4	((463/35)".ccls") and chorus	USPAT; EPO	OR	OFF	2006/03/15 14:08
S19	3	"5896459".uref.	USPAT; EPO	OR	OFF	2004/09/24 15:18
S20	4	"5896459"	USPAT; EPO	OR	OFF	2004/09/24 15:27
S21	1	"5774567".PN.	USPAT	OR	OFF	2004/09/24 15:19
S22	1	"5757941".PN.	USPAT	OR	OFF	2004/09/24 15:19
S23	1	"5652797".PN.	USPAT	OR	OFF	2004/09/24 15:19
S24	1	"5471539".PN.	USPAT	OR	OFF	2004/09/24 15:21
S25	1	"5454041".PN.	USPAT	OR	OFF	2004/09/24 15:22
S26	1	"5444676".PN.	USPAT	OR	OFF	2004/09/24 15:23
S27	1	"5237619".PN.	USPAT	OR	OFF	2004/09/24 15:24
S28	1	"4635288".PN.	USPAT	OR	OFF	2004/09/24 15:25
S29	1	"4524452".PN.	USPAT	OR	OFF	2004/09/24 15:26
S30	1	"4479240".PN.	USPAT	OR	OFF	2004/09/24 15:27
S31	26	"4783812"	USPAT; EPO	OR	OFF	2004/09/24 15:28
S32	1	("6239810").PN.	USPAT; USOCR; EPO	OR	OFF	2004/09/25 12:39
S33	37	((381/119).ccls.) and auxiliary	USPAT; EPO	OR	OFF	2006/03/15 14:12
S34	55	((381/119).ccls.) and auxiliary	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/06/24 09:05
S35	39	((381/61).ccls.) and auxiliary	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/06/24 09:33

## EAST Search History

S36	13	((("5052685") or ("5138660") or ("5410603") or ("5438623") or ("5521981") or ("5614685") or ("5822438") or ("5862231") or ("5880390") or ("5896291") or ("5912976") or ("6007228") or ("6085309"))).PN.	USPAT; USOCR	OR	OFF	2005/06/24 09:38
S37	2	((("5896459") or ("4783812"))).PN.	USPAT; USOCR	OR	OFF	2005/06/24 09:39
S38	130	mixer adj buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 11:44
S39	66	mixer adj buffer and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 12:00
S40	1	auxiliary adj sound adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:13
S41	1983	sound adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 12:13
S42	10043	sound adj effect\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 12:14
S43	74	S41 and S42 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 12:14
S44	10043	sound adj effect\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:23

## EAST Search History

S45	0	sound adj componet\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:24
S46	1983	sound adj component\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:25
S47	5	(main adj sound adj component\$1) or (auxiliary adj sound adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:47
S48	1983	sound adj component\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:29
S49	239	((("381"/\$).ccls.) and S48 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:30
S50	14	((("381"/61).ccls.) and S48 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:31
S51	9	"5896459"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/17 13:40
S52	16	("4479240"   "4524452"   "4635288"   "5237619"   "5444676"   "5454041"   "5471539"   "5652797"   "5757941"   "5774567").PN. OR ("5896459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 13:46

## EAST Search History

S53	139083	(main adj component\$1) or (auxiliary adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:03
S54	629	(main adj component\$1) SAME (auxiliary adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:36
S55	10638	sound adj effect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:38
S56	1	S54 and S55 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 10:39
S57	3	((463/35).ccls.) and chorus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:08
S58	60	((381/119).ccls.) and auxiliary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:12
S59	41	((381/119).ccls.) and auxiliary and effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:13
S60	23	((381/119).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:32

## EAST Search History

S61	20	((381/61).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:49
S62	2	((381/62).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:24
S63	0	((381/68).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:53
S64	249	mixer adj (buffer or bus\$2 or memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:00
S65	251030	auxiliary and effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 14:55
S66	6	S64 and S65 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:01
S67	112	mixer adj buffer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:00
S68	4	S67 and S65 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:06

## EAST Search History

S69	133598	(main adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:15
S70	6388	(auxiliary adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:15
S71	8	S67 and S69 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:09
S72	0	S67 and S70 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:08
S73	578	S70 and S69 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:10
S74	5058	sound adj effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:10
S75	0	S70 and S69 and S74 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:10
S76	3725542	effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:10



## EAST Search History

S77	181	S70 and S69 and S76 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:15
S78	636	(main adj sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:15
S79	282	(auxiliary adj sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:15
S80	12	S78 and S79 and S76 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:16
S81	306	((("84"/\$).ccls.) and auxiliary and effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:25
S82	0	((("84"/\$).ccls.) and sound adj auxiliary and sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:28
S83	3	((("84"/\$).ccls.) and sound adj auxiliary and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:26
S84	366	((("84"/\$).ccls.) and sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:27

## EAST Search History

S85	0	((("84"/\$).ccls.) and auxiliary adj sound adj effect and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:28
S86	12	((("84"/\$).ccls.) and auxiliary adj sound and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:28
S87	382	((("381"/61).ccls.) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/15 15:31
S88	1	(main adj sound adj component\$1) and (auxiliary adj sound adj component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:48
S89	58	(main adj sound) and (auxiliary adj sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 08:48
S90	41	(main adj sound) and (auxiliary adj sound) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 09:23
S91	184768	main same auxiliary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 09:24
S92	801	((381/61)".ccls")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/16 09:25

## EAST Search History

S93	177	((381/62)".cls")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:35
S94	14	S91 and S92 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:33
S95	3	S91 and S93 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:36
S96	25859	((("381"/\$)".cls"))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:35
S97	209	S91 and S96 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 09:36
S98	1	("5259035").PN.	USPAT; USOCR	OR	OFF	2006/03/16 16:48
S99	68	auxiliary adj signal adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:13
S10 0	330	main adj signal adj components	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:13
S10 1	22	S99 and S100 and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 09:14
S10 2	382	((381/61).ccls.) and @ay<="2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/22 09:23